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First and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424655

Improvement to Road and Footpath maintenance in ward No. 11 (Yeswanthpura) From Vidyaranyapura To Sub Division.

Name of Contractor or nature of Agency Executive Engineer, (KRIDL)

Date of commencement of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Work order:	BBMP/	EE/BTP/WO/	94/	2018-19 Dt	31.08.2018.	
BBMP Code:	011-18-000054					
Estimate cost:	Rs. 15.00 Lakhs		P=	3296		
	Date of Recording:					
Earth work excavation by manual means in ordinary soil (average horizontal throw upto 2m and an average depth of 15cm excavated surface leveled and sides neatly dressed disposal earth to be leveled neatly after breaking of clods etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty as per premeasurement Recorded vide page no: 42468 5 & this MB is					91.70 m³	
				@Rs. 199.36/m³			18218
	2) Removing and refixing stone slabs & dressing and polishing in CM(1:3) etc complete as per specification						
	Qty as per premeasurement Recorded vide page no 42468 5/1 & this MB is					236.89 m²	
				@Rs. 80.56/m²			19078.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424656

..... From..... To.....

..... of nature of Agency .....

..... of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing granite slabs of selected quality roughly dressed 7.5 cm thick and fixed in cement mortar (1:6) finishing, curing etc complete as per specification.						
	1	25.00	-	1.35	33.75	
	1	22.00	-	1.35	29.70	
	1	15.80	-	1.35	21.33	
	2	18.50	-	1.35	49.95	
	1	22.00	-	1.35	29.70	
	1	16.90	-	1.35	22.81	
	1	23.00	-	1.35	16.87	
	1	12.00	-	1.35	16.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						251.37	m²
				Qty included b		246.48	m²
				@Rs. 665.68/m²			164079=
	4) providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with hoomy and clown size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed concrete laid in layers not exceeding 15 cm thick well compacted in foundation including cost of all materials labours tools & machinery. curing etc complete as per specification						
	Qty as per pre measurement Recorded vide page no: 424685/1 (86) & this qty is					2.40 cum	
				@Rs. 5159.02/m³			12382=

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424657

From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing and constructing granite/ trap/ basalt size stone masonry in basement with cement mortar 1:6 edges of stones dressed in course not less than 15 cm high with bond stones at 2 m apart in each course including cost of materials, labours, curing etc complete as per specifications	2	8.00	0.60	0.80	8.64 m³	45838=00
			@Rs. 5305.30/m³			
Providing raked pointing to coursed stone masonry with cement mortar 1:3 20 mm deep after racking joints to depth of 20 mm neatly lining including cost of materials labours etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	8.00	-	0.80	12.80 m2	
						CR. 103.88 m2	1330
	7) providing and constructing load bearing wall with Solid concrete block of size 400x100x200 m having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 part 1 2005 and constructed with CM 1:4 as per IS 2572: 2005 including cost of all materials, labours, charges, scaffolding curing complete as per specification						
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	28.80	-	0.40	23.00	
		2	30.00	-	0.40	24.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424658

... From ... To ...

... of Contractor or nature of Agency ...

... of commencement of work ...

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
	2	30·00	-	0·40	24·00	
	2	30·00	-	0·40	24·00	
	2	34·80	-	0·40	27.84	
	2	30·00	-	0·40	24·00	
	2	30·00	-	0·40	24·00	
	2	25·20	-	0·40	20·16	
					287.04 m²	
			Only Limited to		286.40 m²	
			@ Rs. 880.86 /m²			252278·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to la Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 Kgs with 20 mm and down size graded granite metal coarse aggregates @ 0.8 Cum and fine aggregates @ 0.45 Cum machine mixed concrete laid in layers not exceeding 15 cm thick well compacted in foundation Plinth and ally including cost of all materials, labours etc & machine curing etc complete as per specification						
	Drain work coping	2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	28.80	0.20	0.10	1.15	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	34.80	0.20	0.10	1.39	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424659

From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Earth	2	30.00	0.20	0.10	1.20	
	2	30.00	0.20	0.10	1.20	
	2	25.20	0.20	0.10	1.01	
	1	8.00	1.80	0.10	1.44	
	2	8	1.00	0.15	2.40	
					18.19 m³	
			Qty limited to		18.16 m³	
			@Rs. 57	67.46/m³		104737+00

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Measured

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	providing precast slab @ 100 mm thick including cost & all materials, labours, curing, transportation, loading unloading etc complete as per specification						
	Drain covering slab	248	0.60	0.90		133.92	
		208	0.60	0.90		112.32	
		141	0.60	0.80		76.14	
						322.38 m^2	
				Qty limited		322.20 m^2	
					@Rs. 1820.56/m^2		586584
10)	providing precast slab @ 250 mm thick including cost & all materials, labours, curing, transportation, loading and unloading etc complete as per specification						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424660

..... From..... To.....

..... of Contractor of nature of Agency .....

..... of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
	14	1·80	0·60	-	15·12 m²	
			@Rs. 512·5=00/m²			7749·0=00
Excavation & embankment with approved material (gravel) with all lifts and leads transportation to site spreading to required slope and compacting to meet requirement table 300-2 complete as per specification (including travel / morrum watering charges and compaction by vibratory roller to 95% of proctors density) complete as per						
	1	30·00	2·00	0·30	18·00	
	1	30·00	2·00	0·30	18·00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to le Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	2.00	0.30	18.00	
		1	30.00	2.00	0.30	18.00	
		1	28.80	2.00	0.30	17.28	
		1	30.00	2.00	0.30	18.00	
		1	30.00	2.00	0.30	18.00	
		1	30.00	2.00	0.30	18.00	
		1	34.80	2.00	0.30	20.88	
		1	30.00	2.00	0.30	18.00	
		1	30.00	2.00	0.30	18.00	
		1	25.20	2.00	0.30	15.12	
						215.28 m³	
				Qty Limited to		214.80 m³	
				@ Rs 320.12/m³			687622

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424661

[illegible] From..... To.....

[illegible] of nature of Agency .....

[illegible] of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
				Sub Total		1350839=00
				KRIDL charges @ 10%		135084=00
				Labour cess @ 1%		13508=00
				Total		14,99,431=00
Certified that the above work done in satisfactorily.						

28/11/18

28/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8